

TSMC-01-1380B

December 17, 2003

To: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572  
28 Davis Avenue  
Poughkeepsie, N.Y. 12603

Subject: | Serial No. 10/679,737 10/06/03 |  
Harry Chuang  
METHOD OF FORMING A NOVEL TOP-  
METAL FUSE STRUCTURE  
| ----- |

#### INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation  
In An Application.

The following Patents and/or Publications are submitted to  
comply with the duty of disclosure under CFR 1.97-1.99 and  
37 CFR 1.56.

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being  
deposited with the United States Postal Service as first class  
mail in an envelope addressed to: Commissioner for Patents,  
P.O. Box 1450, Alexandria, VA 22313-1450, on December 19, 2003.

Stephen B. Ackerman, Reg.# 37761

Signature/Date SB Ackerman 12/19/03

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U.S. Patent 6,162,686 to Huang et al., "Method for Forming a Fuse in Integrated Circuit Application," describes a method of forming a grooved fuse (plug fuse) in the same step that via plugs are formed in the guard ring area and in the product device areas.

U.S. Patent 6,100,118 to Shih et al., "Fabrication of Metal Fuse Design for Redundancy Technology Having a Guard Ring," describes a fuse guard ring method and structure.

U.S. Patent 6,277,674 to Wang et al., "Semiconductor Fuses, Methods of Using the Same, Methods of Making the Same, and Semiconductor Devices Containing the Same," describes a fuse and a process for fabricating the fuse.

U.S. Patent 4,740,485 to Sharpe-Geisler, "Method for Forming a Fuse," describes a method for forming a titanium tungsten fuse.

U.S. Patent 4,796,075 to Whitten, "Fusible Link Structure for Integrated Circuits," describes a fusible link structure for integrated circuits.

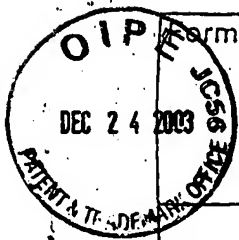
TSMC-01-1380B

U.S. Patent 5,914,524 to Komenaka, "Semiconductor Device," describes a semiconductor device.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen B. Ackerman". The signature is stylized with a large, looped "S" and a long horizontal stroke at the end.

Stephen B. Ackerman,  
Reg. No. 37761



Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Document Number (Sequence)

TSMC-01-1380B

Application Number

10/679,737

Applicant

Harry Channing

Filing Date

10/06/03

Group Address

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
	6162686	12/19/00	Huang et al.	438	281	9/18/98
	6100118	8/8/00	Shih et al.	438	132	6/11/98
	6277674	8/21/01	Wang et al.	438	132	10/2/98
	4740485	4/26/88	Sharpe-Geisler	437	246	7/22/86
	4796075	1/3/89	Whitten	357	51	4/15/86
	5914524	6/22/99	Komenaka	257	529	5/12/95

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Portinorx Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.